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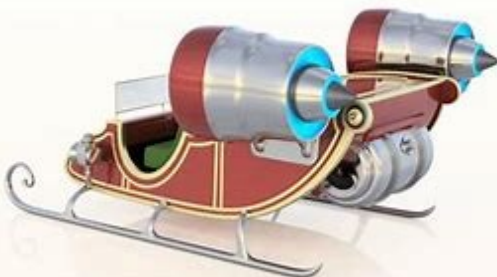
40

CELEBRATING 40 YEARS

KOSMO WRAPS UP YEAR WITH LUNCH



We had hoped to end the 2020 season with a noon lunch followed by a model rocket launch at our Hutchinson field but the Kansas winds forced us to just do lunch. Never the less, we still had a nice group meet at a picnic area near the field and got to talk rockets and check out some pretty neat projects members recently finished or are working on. John Palmer had show and tell with his SpaceX and Saturn models, Bill Lindsay brought his Newway Steamliner and his just received Apogee X15 kit, Dustin Wyant brought his Mach 1 Black Hole which is under construction, Duane Lanterman had his tribute rocket to the late Joe Warnock, and Fred Smith had a couple of his cluster models along. As we celebrate KOSMO's 40th anniversary in the group photo are members who recently or will turn 50,60,70, and 80 years old before the end of the year. How cool it that !



**Merry Christmas and a
healthy New Year to you all !**

**ANNOUNCING THE
ANNUAL KOSMO MEETING
THIS YEAR VIA
ZOOM**

When: January 9th 6:30 pm

Due to health concerns for the first time our annual meeting will be held via Zoom. So you're on your own for supper but other than that we will try to cover all the normal stuff.

Treasurer's report

Election of officers

Old business

Set calendar for launches

Set events for KRAMO 41

Jr. NAR membership

suggestions

Request for Grant money

Show and tell (show us your projects and maybe your cat or dog)

Status of club rockets available (versions 2 and 3)

New ideas and suggestions

And much more I'm sure.



Shortly before the meeting Steve Saner will send out a link to the meeting on our club email list but listed below is the meeting ID and password. Hope many of you can join us and that this will be the best meeting ever.

Meeting ID: 923 472 0004

Password: 550261

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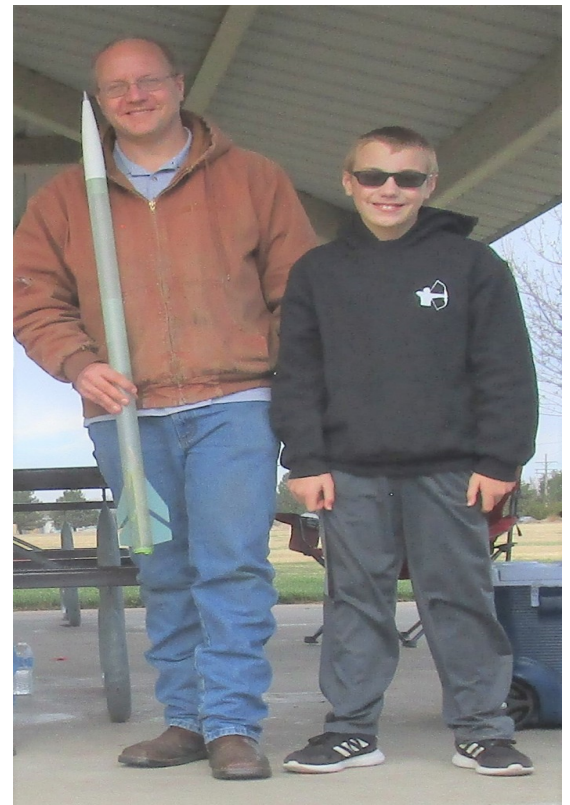
Bill Lindsay's Newway "Steamliner"



Duane Lanteman's Peklicz designed "Arrow" as a tribute rocket to the late Joe Warnock.



John Palmer's very nice fleet of SpaceX models.



Dustin Wyant and son DJ with a Mach One Black Hole under construction

FOUNDING KOSMO MEMBER JOE WARNOCK PASSES

During this difficult year we must once again post the loss of a KOSMO member, Joe Warnock was a founding member of our club 40 years ago and an NAR member. He served in the A.S.A. Army Security Agency from 1968-1972, taught 3rd grade from 1976-2003 where he was best known for his 3rd grade rocketry program. He was a founding member of the Mid-America EAA Chapter 980 building and flying his own airplanes, a life-time member of EAA and the VFW, and the NEA. He was also a member of the Kansas Cosmosphere and the First United Methodist Church. He volunteered at his local hospital and Red Cross, donating 92 units. During his retirement he wrote and published 12 books.

For those of us KOSMO members who knew him, we can almost not say his name without including his wife Peggy who was involved in almost all his activities and who this year celebrated 50 years of marriage. We remember him for his wit and most of all being a great friend. We will miss you Joe and our thoughts and prayers are with his wife Peg.



Reflections on 40 Years of Kansas Rocketry

Part 5

Mark Johnson, NAR 14025 L1
KOSMO Charter Member

2020 is rapidly drawing to a close (thank Heaven!), and here are some final reflections on our 40 years together as a club. First off, I want to thank all those who have joined in the last 9 years, since I moved to the greener job pastures of mid-Missouri. You have kept a dream alive, and done it 'with style.' We should all be proud of our little organization – not many associations of any kind are still around 40 years after their founding, and that especially applies to model rocket clubs.

A tip of the hat to some members who are no longer with us:

Founding member Joe Warnock: What can I say about Joe? A teacher, a photographer (somewhere in my collection I have a picture he took at exactly the right moment, as an F100 cat destroyed his Maxi Honest John. Millisecond timing, to be sure). Joe also held the national record for C Division B Eggloft Altitude for over 20 years – a flight to 133 meters on a B8-5 that I still remember tracking...yes indeed, it is possible to put an egg that high on an Estes B motor!

Long-timer Ron Shipley: My best friend for many years. A talented modeler, who built a highly-detailed Saturn launch tower to go with his 1/100 Saturn V, as well as a beautifully detailed 'fantasy scale model' of Gerry Anderson's Fireball XL5. Sadly, he never got around to finishing the launch track with 'ski jump' just like the original Supermarionation rocket. [For those of you under 55, check out this link: https://en.wikipedia.org/wiki/Fireball_XL5] We did get to see several vertical launches of his first model, though. He made lots of really nice vacuum-formed parts, from the days before 3-D printing. Ron and I also shared interests in railroading (both model and full-sized) and drag racing. I guess we were both fascinated with smoke and noise.

Ron Snow: I first got to know him as a friend from Ron Shipley's younger days. "Snow," as we called him – to distinguish him from Ron Shipley – had a knack for building rockets out of odd bits of stuff around the house. Unlike some of my similar efforts, his usually worked!

Some other names from our early days – old-timers may remember some of these. As far as I know they are still kicking around somewhere:

Ken McAlpine: Co-founder of KOSMO, made contact with me in the fall of 1980 to start the club. Last I knew, he was living in Orlando, Florida. His company, Pine Cap Associates, sold kits in the early 1980s.

Steve Pennie: An early member of the club, moved away sometime around 1983 or so.

Perry Oliver: Club President in the early 1990s – he suggested Lake Afton Park in western Sedgwick County as a launch site – which we used for several years. Flew the first G motor from the Johnson backyard at KRAMO-9...and got it back!

A final note: The founding members on the first charter of KOSMO were referred to as KOSMONaughts, because we all had a zero (naught) somewhere in our NAR number. We had a lot of fun with that bit, over the years.

Thanks to our editor for giving me the opportunity to write this series – and thank you, readers, for putting up with it.

Building Tip: Those Pesky Tube Spirals by Bill Lindsay KOSMO VP

We have always had a battle with those pesky spirals in our body tubes. I have experimented with different products from sanding sealer, HobbyLite balsa filler, CA, but just haven't been satisfied with the end result. There are several products available that are rather pricey that I have not tried yet.

I was at the local O'Reilly Auto Parts store earlier this year looking for a filler to get rid of those nasty seam lines on the nose cones. Tamiya Modeling Products used to make a green putty that worked great on nose cone seams.

After finding out that the product has been discontinued it was back to square one looking for a putty that would work.

I found the solution while at O'Reillys for the nose cone seams. One night while working out in the shop I thought I would try the new filler/ putty I had found on those pesky tube spirals. The product is *Bondo Glazing and Spot Putty*. Price range is \$7-\$10 for a 4.5 oz. Tube.

I put a light coat on the spiral and wiped any excess off. It typically dries in 15-30 minutes. I will hit it with 320 grit sandpaper and then touch it up with 400 grit.

The end result is satisfying and it doesn't take that much work.

I have also found that if you have an area that didn't fill in all the way, adhesion promoter, primer, and paint will fill the area in.

The pictures below go from the beginning to the end results, along with a picture of the product.

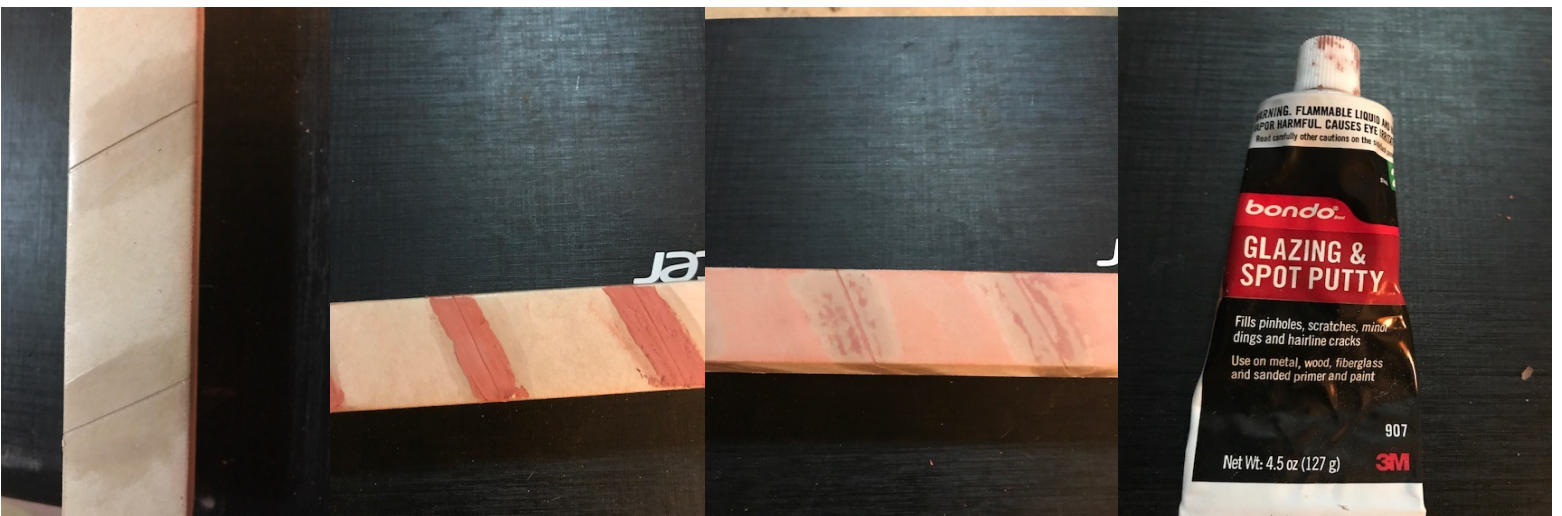
I hope this tip will help you in your modeling adventures

Photo 1

Photo 2

Photo 3

Photo 4



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